GLAST Monthly PSR

6 October 2004

Science

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Project Scientist

Some Accomplishments (August & September)

- ▶ *GBM trigger, analysis and calibration algorithm review Aug 31 & Sept 2, in context of SWG Burst Working Group + 2 outside experts.*
  - *presentation, materials, and summary on the web*
- ▶ *GLAST session at HEAD meeting in New Orleans on Sept. 9 great success.*
- ▶ *LAT team meetings last week of Sept*
  - *instrument test data analysis workshop on Monday; science preparation planning, DC2, project status, many individual contributions.*
  - *2005 LAT meeting tentative dates set (both at SLAC). See following slide.*
  - *LAT science performance estimates being updated. Process for releasing official updates discussed and adopted by SSAC.*
- ▶ *Joint LAT-SWG symposium on GeV-TeV astrophysics in the GLAST era at Stanford on 30 September*
  - *excellent set of presentations, very useful discussions*
- ▶ *SWG meeting 1 October*
  - *very full agenda, important progress on a number of key issues!*
- ▶ *GUC charge drafted*
  - *reports jointly to HQ and Project Scientist*
  - *needs a new name!*

Future Meetings

- **SWG telecon dates (keeping 2-month cadence):**
  - *2004: 2 December already scheduled*
  - *2005: 27 January, 24 March, 26 May, 28 July, 1 December*
- **LAT meeting tentative dates**
  - *8-10 March*
  - *29 August week*
- **SWG F2F + Joint mini-symposium 29 August week.**
  - *joint mini-symposium should also include GUC on Thursday, Sept 1; SWG business meeting Friday, Sept 2.*
  - *mini-symposium topic: Galactic Center.*
  - *SWG F2F meeting on Monday March 7(no mini-symposium).*

Issues/Problems

▶ *No problems.*

Some activities starting/ongoing

- **Burst alert and repoint request parameters discussion. Will result in a proposal to SWG and GUC.**

- **Start generating list of Ops parameters (knobs)**

  – *sky survey and pointing parameters*

  – *instrument parameters*

  – *needs a discussion (including GUC) about process(es) for modifying these parameters*

- **First GLAST Symposium IOC**

  – *Atwood, Blandford, Bloom, Dermer, Dingus, Gehrels, Giommi, Grenier, Hermsen, Kouveliotou, McEnery, Meegan, Michelson, Ormes, Pohl, Ritz*

  – *email majordomo set up. Startup next week*

- **LAT performance parameters update**

  – *add differential (in energy) point source sensitivity*

  – *include integral sensitivity curve (all gamma experiment plot)*

- **Scrub end-to-end data latencies**

  – *asked Julie to review*